

# The Gulf Coast TAPPI *Stock Exchange*



## The Gulf Coast TAPPI Winter 2015 Meeting RockTenn Demopolis, AL Training Center

Quality and Six Sigma Improvement Projects  
(Benefits Driven By Cost Savings)

**WEDNESDAY, February 18, 2015**

(Meeting to be held at: Best Western Lobby Meeting Room)

**5:00 PM – 6:00 PM – GCT Executive Committee Meeting**

*ALL ARE WELCOME and encouraged to attend & participate, as the GCT Leadership Committee discusses planning for future meetings & general Section business*

### TECHNICAL SESSIONS

**THURSDAY, February 19, 2015**  
**RockTenn Demopolis Mill Training Center**

**7:30 AM – 5:00 PM**

**7:30 AM – 1:00 PM Check in and Registration**

**8:00 – 10:00 AM TECHNICAL SESSION I**

**The Complete Paper & Tissue Production Improvement System**

*PETE ANGLE – ISRA SURFACE VISION – DULUTH, GA*

*The opportunity in paper & tissue production is to increase machine speeds, reduce downtime due to sheet breaks, and improve production efficiency in converting. The solution is comprised of 3 parts; each part provides a quantifiable value to improve paper & tissue production capability. The sum of the parts results in a compelling approach to significantly advance and benchmark a mill's performance. The complete production improvement solution supports discerning corporate understanding of where investments and resources are needed to improve finished product quality, reduce bottlenecks, and elevate production throughput. Specific examples of improved Tissue Machine efficiency utilizing the system will be included with support from Andy Chorney of SCA Barton.*

**Six Sigma Systems at Omnova**

*SARAH SHARPE – OMNOVA- CHESTER, SC*

*The LEAN SixSigma process at OMNOVA is a structured problem solving method that engages the entire organization to delight the customer and deliver improved business performance. The development, qualification and production of Sunbond 3410 is an example how LEAN SixSigma can drive successful project execution.*

*Project identification is driven by project chartering and key metrics are evaluated for alignment with the plant's or business unit's overall strategic plan. Once selected, OMNOVA's structured "Walk-the-Wall" (DMAIC) project management process steers the project leader through each key phase of the project. At each step of the way, the project leader directs team members and key stakeholders through structured tool usage such as Value Stream Analysis, Fishbone Analysis, Design of Experiments, Brainstorming, Kaizen and Statistical Process Control. Tapping into ideas from the workforce provides meaningful solutions for customers, creates operational excellence and helps to motivate and empower employees so long term gains are sustained*

**10:00 – 10:15 AM BREAK****10:15 – 12:15 PM TECHNICAL SESSION II****Title**

*JOHN ANTANIES – ENVOY*

*Six Sigma involves using many statistical techniques to identify why a KPI has changed. Unfortunately, most of the techniques used suffer from three problems: complexity, timing and policies. Statistical significance means nothing if a potential cause did change when the KPI did. And due to policies, many of the changes observed when a process "goes into the ditch" are the result of human and control policies. Finally, with thousands of variables in a single process, standard control charts or even alarms result in process deviations becoming hidden in the noise. This presentation will illustrate a different way of addressing all three of these problems.*

**Reducing CD Variability Through the Use of Six Sigma**

*KIM VENIER – INTERNATIONAL PAPER – BOGALUSA, LA*

*As we have moved to a lighter grade mix on a traditionally heavy weight machine, we have begun to experience issues with bonding. These lighter basis weight products can be less than forgiving of instability of CD profiles. This presentation will be a case study of the Bogalusa Mill's use of Six Sigma in reducing CD variability on the machine and sustaining those gains.*

**New Scanning Gauging System for Optimizing the Wet End of Your Paper Machine**

*MARKKU MUSTONEN – CONMARK, ATLANTA GA*

*The variability reduction in the paper machine short circulation, forming and press section is an important component of paper machine optimization. A new online measurement from Scienta now provides true MD and CD profiles of the Basis Weight and Moisture after the press section. This unique measurement device provides new possibilities for stabilizing and optimizing paper machines. The accurate and continuous basis weight and moisture profile just after the press section can be used to significantly improve paper quality. With an additional dryness increase out of the press section, the dryer section steam consumption can be reduced by a few percent. On dryer limited machines, it can provide a capacity increase. Good moisture profile control also improves runnability. Significant savings can be achieved from reduced wet end and press breaks.*

**12:15 – 1:00 PM LUNCH****"Six Sigma Implementation at RockTenn"**

*GEORGE TURNER – ROCKTENN, NORCROSS, GA – VP, CORP SIX SIGMA*

*(Lunch Included with Meeting Fee)*

## 1:00 – 3:00 PM TECHNICAL SESSION III

### **Driving Culture Change Through Continuous Improvement Routines**

*ROBERT STONE – ALBANY INTERNATIONAL, ST. STEPHEN, SC*

*With a large percentage of companies failing at maintaining their continuous improvement (C.I.) programs, Albany International focuses on embedding C.I. routines into the workplace. C.I. tools surface opportunities, however, opportunities must turn into action to drive results. Too many companies focus on applying C.I. tools and are later disappointed when the site/area regresses. In this session, Albany International will offer lessons learned to sustain and grow a continuous improvement culture.*

### **Improving Coater Runnability with Web Inspection and Web Monitoring Cameras**

*KARI HILDEN – PAPERTECH,*

*Paper breaks, and various defects, are an efficiency robbing reality on all types of paper machines, coaters and downstream converting operations. Eliminating breaks and paper defects, at their source, has become very important with the increasing speed and operating complexities of today's papermaking operations. Papertech's TotalVision™ now offers papermakers a single high speed digital camera based platform allowing all types of defects (holes, slime, oil, etc.) at various points on the paper machine, ahead and after the coater, to be rapidly analyzed to their root cause. This eliminates operator guesswork and rapidly allows breaks and defects to be eliminated and coater runnability to be improved.*

#### **Title**

*AUTHOR*

*Description*

## 3:00 – 3:20 PM BREAK

## 3:20 – 5:00 PM TECHNICAL SESSION IV

### **RockTenn Stevenson PM2 Stickies Reduction**

*MICHELYN MCNEAL – ROCKTENN, STEVENSON, AL*

*Stevenson mill's #2 paper machine primarily produces 23# medium. A six sigma project was initiated to qualify stickies and their origins, quantify the associated costs to PM2, and reduce the level of stickies coming forward by a measureable amount. Chemical testing of deposits in the press and dryers identified the predominant components of the system stickies as PVA (polyvinylacetate) and PMMA (Polymethylmethacrylate). Handsheet testing was performed and the stickies were traced back from the headbox to the pulp mill and it was determined that the stickies originate in the OCC system. Stickies reduction was accomplished by improving the efficiency of the DAF clarifier in the OCC plant and changing the recycle system screen baskets over to finer screens for improved contaminant removal. On the paper machine, the continuous dryer felt cleaning system maintenance was improved and chemical usage savings were tracked.*

### **Stabilize Process Performance with Real-Time Forecast of Critical Lab Measurements**

*MICHAEL VON GRUMBKOW – VOITH PAPER*

*Since hundreds of parameters influence the final product quality and production cost, the task running the process as stable and as cost-efficient as possible is very complex and difficult to achieve via manual process adjustments. In addition, the paper industry faces an ongoing loss of experienced personnel for the next years, which further amplifies this process control challenge.*

*OnEfficiency offers the opportunity to jointly install tools and procedures to reliably forecast critical parameters, such as paper strength and fiber consumption in real-time. This paper describes the components and concepts behind such solutions and gives several examples for applications.*

**Title***AUTHOR**Description***5:00 – 5:15 PM - GCT Supplier Society Meeting** (immediately after the technical sessions)**6:00 - 7:00 PM - Reception – Red Barn Restaurant****6:30PM – Dinner** (on your own) (reservations being made at the Red Barn Restaurant for those interested)

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**Mill Tour – Friday Morning**

The Demopolis, Alabama mill began operating in 1957 and started up a bleached paperboard machine in January of 1959 capable of producing 380 tons per day. Since then the board machine has grown to be one of the top competitors in the North American Solid Bleached Sulfate market. Today's capacity averages 938 tons per day and produces calipers ranging from 14 point to 26 point. Risi list the Demopolis board machine as the top producer of tons per inch of machine width. The Fourdrinier machine has seen many upgrades through the years such as an Asten/Johnston top wire former, GL&V BTF dilution control headbox modification, profiling steam shower, Honeywell DaVinci gauging system, Marsden profiling infrared gas dryers, Voith threading system, and Tidland winder slitters. Recently RockTenn announced a \$27 million investment in a new, state-of-the-art chip mill to furnish its Demopolis solid bleached sulfate (SBS) and southern bleached softwood kraft (SBSK) pulp mill with wood chips and bark. Together with the company's nearby existing Rooster Bridge Chip Mill facility, RockTenn will become the area's largest chip producer. With more than two million tons of total annual chipping capacity, the Saltwell and Rooster Bridge complexes will produce excess chips and bark allowing for future sales to third parties.

RockTenn Demopolis is a mill that is committed to operational excellence in operations and the environment. RockTenn Demopolis meets the requirements of the Sustainable Forestry Initiative (SFI) program and follows best management practices in its operations.

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**Mill Tour**

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**FRIDAY, February 18, 2011**  
**RockTenn Demopolis Mill Tour****9:00AM - 11:00AM MILL TOUR****Rock-Tenn, Demopolis, AL**

Please Note: Registration for the Thursday technical session, and name badge, are required.

Long pants and closed-toe shoes are required.

## **MEETING OFFICERS**

Meeting and Session Chairman: Elizabeth Etheridge, RockTenn - Demopolis  
Local Arrangements &  
Technical Sessions: Elizabeth Etheridge, RockTenn - Demopolis

### **HOTEL INFORMATION:**

*Location: Best Western  
Demopolis, AL*

Hotel Reservations: (334) 289-2611  
*Rates per night: \$89.95 – must be booked  
with hotel front desk (ask for Carolyn), not  
through central system or website; this is a pre-  
paid reservation and may only be cancelled  
within 24hrs of making reservations; rooms held  
only until 1/31/15; standard reservations  
subject to availability are also possible*

*Location: Econ-Lodge  
Demopolis, AL*

Hotel Reservations: (334) 287-0300  
*Rates per night: \$71.96 – available  
through 1/31/15, call front desk and ask for  
Shawn*

### **Vendors Note:**

A limited number of tables (3x6) will be available for product displays. One per company: \$100.  
Contact David Neal at (251) 300-9539 or [neald@hoistcrane.com](mailto:neald@hoistcrane.com)

## LONG - RANGE PLANNING CALENDER

The following table is the *proposed schedule* for meetings through the year 2015. Please contact the meeting chairman if you need any further information about the meeting and to confirm the meeting details.

DATE	LOCATION	TOUR	TOPIC(S)	MEETING CHAIR(S)
Feb 2015	Demopolis, AL	TBA	Quality / Six Sigma	<b>Meeting and Technical Sessions:</b> Elizabeth Etheridge - RockTenn <b>Local Arrangements:</b>
Jun 2015	Destin, FL (Seascape)	Golf, Tennis, Beach	TBA	<b>Meeting and Technical Sessions:</b> <b>Local Arrangements:</b> Tim Watson, TriNova
Sep 2015				<b>Meeting and Technical Sessions:</b> <b>Local Arrangements:</b>

Please send your updated **EMAIL ADDRESS** if you would like to receive the Stock Exchange over email and you are not currently getting it or you have had a recent change in email address. New or changed addresses can be sent to [jeff.smith@BTG.com](mailto:jeff.smith@BTG.com).

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### TAPPI'S ANTITRUST POLICY STATEMENT

The Technical Association of the Pulp and Paper Industry, Inc. is a professional and scientific association organized to further the application of the sciences in the pulp and paper industry. Its aim is to promote research and education in the practice of pulp and paper manufacture. TAPPI is not intended to, and may not, play any role in the competitive decisions of its members or in any way restrict competition in the pulp and paper industry.

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**Please note that TAPPI policy prevents the scheduling of business or social activities between and among participants during times of scheduled TAPPI functions.**

# GULF COAST TAPPI EXECUTIVE BOARD WORKING FOR YOU!

## GULF COAST TAPPI

### OFFICERS

Randy Paff <u>Chairman</u>	International Paper 985-732-8764
Andy Chorney <u>Vice Chairman</u>	SCA Barton 256-370-8148
Elizabeth Etheridge <u>Treasurer</u>	RockTenn 334-289-6216
Steve Harnden <u>Secretary</u>	RockTenn 256-437-3849
Elizabeth Etheridge <u>Past Chairman</u>	RockTenn 334-289-6216

## EXECUTIVE COMMITTEE

### 2014-2015

#### Terms Expiring 2014

Tim Watson	TriNova
Glenn Hanson	Industrial Kiln
Chris Dietel	DTE Energy Svcs
Lynn Marlow	International Paper
Tom Tobin	Boise Jackson
Jukka Perala	Capstone Technology
Stephanie Fendley	Nalco
Chris Bowden	Valmet
David Neal	Hoist & Crane
Craig Kerschner	Valmet
Shannon Livingston	Allied Reliability

### COMMITTEE CHAIRS

Corresponding Secretary  
Supplier Society Chairman  
Registration  
Membership/Publicity  
LSOC  
Student Chapter Advisors:

Jim Thompson  
  
Bill Josephson  
Jeff Smith  
Manuel Sibila  
Bill Josephson  
Christie Prout

Talo Analytic

Auburn University  
BTG Americas  
RohmNova  
Auburn University  
Alabama Southern Community  
College

**YOUR PARTICIPATION IN THIS GROUP IS WELCOMED, AND NEEDED! CONSIDER THE PROFESSIONAL DEVELOPMENT AND CAREER OPPORTUNITIES FROM NETWORKING AND LEADING THE GULF COAST ASSOCIATION.** Please contact Jeff Smith at 770-330-8613 or [jeff.smith@BTG.com](mailto:jeff.smith@BTG.com) for information on being a part of this leadership team.

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More info at: <http://www.tappi.org/Groups/Local-Sections/GC.aspx>



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### Bronze





## FEBRUARY 2015 TECHNICAL PROGRAM

# Quality and Six Sigma Improvement Projects

(Benefits Driven By Cost Savings)

### ON-SITE REGISTRATION/APPLICATION FORM

Please Print or Type

<b>Name:</b>		<b>Name for Badge:</b>	
<b>Title:</b>			
<b>Company:</b>			
<b>Address:</b>			
<b>City:</b>	<b>State:</b>	<b>Zip</b>	
<b>Work Phone:</b>		<b>Cell:</b>	
<b>Email:</b>			
<b>National TAPPI Member?</b>	Yes / No <b>(Please Circle)</b>		
<b>Category:</b>	Mill / Supplier / Consultant / Educator / Retired / Student <b>(Please Circle)</b>		

**Payments for the Thursday Sessions, February 19:**

<input type="checkbox"/> Technical Session, Mill & Educator *	8:30 AM-5:00 PM	\$80***
<input type="checkbox"/> non-TAPPI Mill Person, Educator	8:30 AM-5:00 PM	\$90***
<input type="checkbox"/> Technical Session, Students	8:30 AM-5:00 PM	\$10
<input type="checkbox"/> Technical Session, Retired	8:30 AM-5:00 PM	\$25
<input type="checkbox"/> Technical Session, Supplier & Consultant *	8:30 AM-5:00 PM	\$110
<input type="checkbox"/> non-TAPPI Supplier, Consultant	8:30 AM-5:00 PM	\$120
<input type="checkbox"/> Speaker (mill representative)	8:30 AM-5:00 PM	\$0
<input type="checkbox"/> Speaker	8:30 AM-5:00 PM	\$40
<input type="checkbox"/> Supplier Tabletop Fee**		\$100

**TOTAL FEES PAID (cash or check please)**

\$

\* rate applies to members of national TAPPI

\*\* tabletop requires one member from the Supplier to also register for technical program

\*\*\* three (3) or more attendees from the same plant site will receive a \$20 discount from the listed fee

**WILL YOU BE STAYING FOR THU EVENING DINNER:**

**YES / NO**

**WILL YOU BE ATTENDING THE FRIDAY MORNING MILL TOUR:**

**YES / NO**

**Payment Options:**

Cash\_\_\_ Check\_\_\_ Credit Card\_\_\_

With our new credit card processor, it is not necessary that you provide this information in advance. Major credit cards will be accepted on site. Completing this form and submitting will ensure that you are in the database and facilitate a very speedy registration on site. It helps our planning (lunches, room accommodations, etc.) greatly. There is no penalty if you need to cancel at the last minute.

**You may fax (334-844-2063, Attn: Bill Josephson, latest Feb 16) or email [josepbe@auburn.edu](mailto:josepbe@auburn.edu) (anytime) this page to expedite your registration. You only need to confirm payment on site.**